DOCUMENT RESUME

ED 233 203 CE 036 693

TITLE The Bar Tack Machine. Module 16.
INSTITUTION South Carolina State Dept. of Education, Columbia. Office of Vocational Education.
PUB DATE 83
NOTE 8p.; For related documents, see CE 034 361, CE 036 656, and CE 036 679-687.
PUB TYPE Guides - Classroom Use - Materials (For Learner, (051)

EDRS PRICE MF01/PC01 Plus Postage.
DESCRIPTORS Behavioral Objectives; Check Lists; Clothing; Clothing Instruction; Learning Activities; Learning Modules; Needle Trades; *Occupational Home Economics; Postsecondary Education; Secondary Education; *Sewing Instruction; *Sewing Machine Operators; Student Evaluation
IDENTIFIERS *Sewing Machines

ABSTRACT

This module on the bar tack machine, one in a series dealing with industrial sewing machines, their attachments, and operation, covers one topic: performing special operations on the bar tack machine. These components are provided: an introduction, directions, an objective, learning activities, student information, a student self-check, and a check-out activity. An instructor's final checklist for evaluating the students' performance is attached. (YLB)

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THE BAR TACK MACHINE

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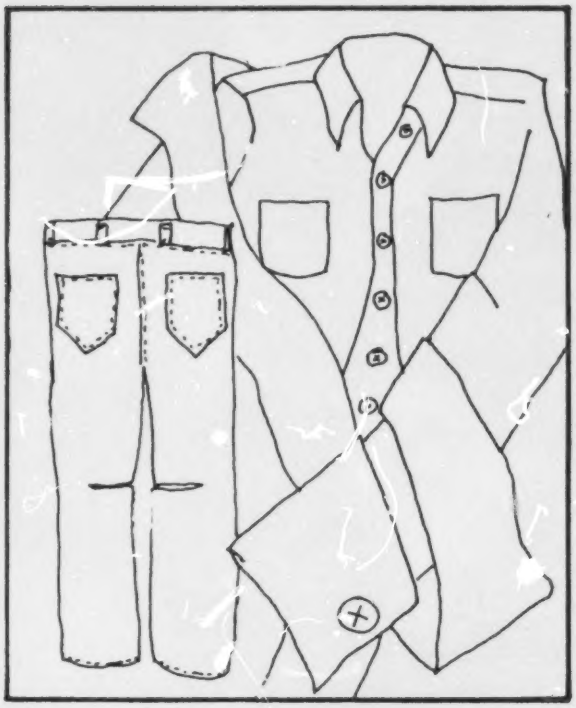

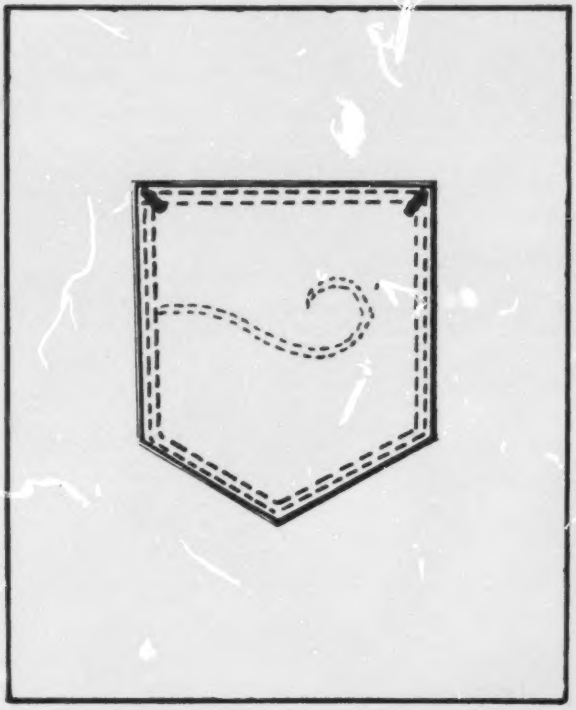

PERFORMING SPECIAL OPERATIONS ON THE BAR TACK MACHINE

INTRODUCTION

Bar tacks are a series of stitches sewn closely together along points of strain such as pockets, fly zippers, and plackets. The bar tacks reinforce the stress points and prevent the garment from ripping and tearing under normal wear. In this module you will learn to make bar tacks.

DIRECTIONS

Read the Objective. If you think you can accomplish this Objective now, turn to the Check-Out Activity and follow the instructions.

If you feel you are not able to accomplish this Objective now, look at the Learning Activities. Begin the Learning Activities and as soon as you feel you are ready, turn to the Check-Out Activity and follow the instructions.

OBJECTIVE

Given a tacking machine, thread, snips, and a placket or pocket which has been set on a garment, make bar tacks. Bar tacks should be positioned at points of strain and stitches should be uniform in length and width.

LEARNING ACTIVITIES

1. READ Student Information, THE BAR TACK MACHINE.

2. VIEW a demonstration on the operation of the bar tack machine.

3. COMPLETE Student Self-Check, THE BAR TACK MACHINE.

4. READ Student Information, MAKING BAR TACKS. Follow directions and complete each step before going on to the next one. If you should have a problem, ask your instructor for assistance.

Practice making at least ten bar tacks. Be certain the stitches are uniform in width and length and correctly positioned at points of strain.

5. TURN to the Check-Out Activity and follow the instructions.

STUDENT INFORMATION

The Bar Tack Machine

Bar tacks are a series of stitches sewn closely together to reinforce garments at points of strain. Bar tacks vary in length and width, but usually have about 12 to 15 stitches in each tack (Figure 1).

Figure 1

Pockets of work clothing, both pants and shirts, are frequently bar tacked. Camping and certain leisure apparel are also frequently reinforced with bar tacks to prevent ripping and tearing (Figure 2).

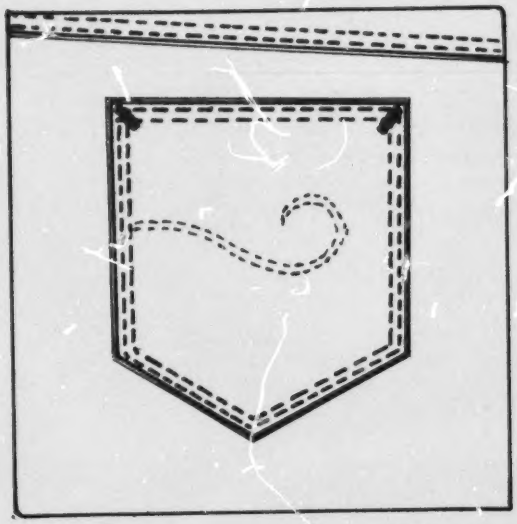

Figure 2

The machine in Figure 3 can be adjusted to make bar tacks although this particular model is designed to make buttonholes and to sew on labels.

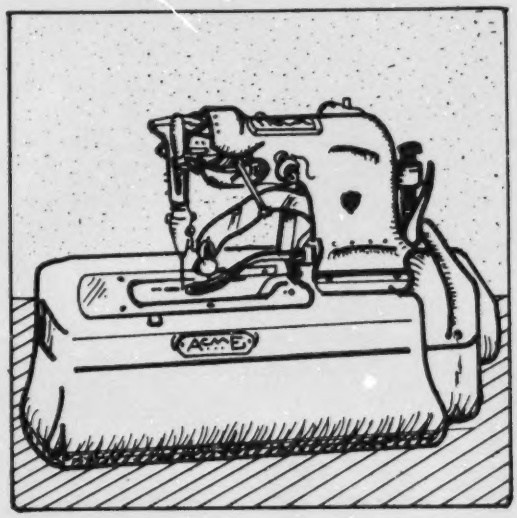

Figure 3

When using the machine to make bar tacks, the clamp foot and arm shown in Figure 4 are used.

Figure 4

In an industrial sewing plant, a machine such as the one in Figure 3 is usually adjusted for a particular operation such as bar tacking. The width of the stitch (stitch bite) and the length of the tack are generally adjusted before the machine operator begins work on the machine.

STUDENT SELF-CHECK

The Bar Tack Machine

Write the answers to the following statements on a separate sheet of paper.

1. Bar tacks may vary in length and width. (True or false)

2. The operator is responsible for adjusting a machine for the bar tacking operation. (True or false)

3. Bar tacks are frequently made on dress shirts and blouses. (True or false)

4. Pockets on jeans or work clothes are likely to be bar tacked. (True or false)

5. Pockets should be bar tacked before they are topstitched to a garment. (True or false)

STUDENT INFORMATION

Making Bar Tacks

When the bar tack machine is set for a particular stitch length and width, the operator should follow these steps.

1. Go to the bar tack machine.
2. Check bundle for garment with set pocket or placket, snips, and thread.
3. Check machine to see if it is threaded according to the manufacturer's specifications. If this has not been done, do so.
4. Lift presser foot and place garment under foot of bar tack machine (Figure 5).

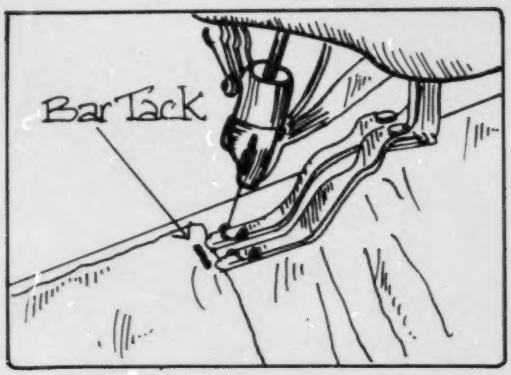

Figure 5

5. Be sure the garment area to be sewn is in the center of the stitching area.
6. Lower presser foot and stitch. When cycle is complete, lift presser foot and remove garment. Position next garment for tacking (Figure 6).

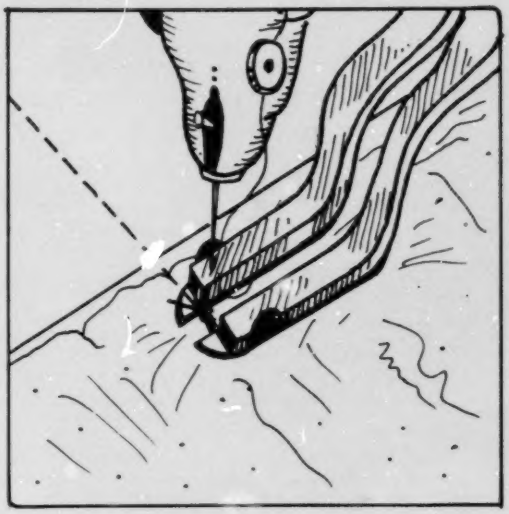

Figure 6

CHECK-OUT ACTIVITY

The statement below explains the activity you must complete in order to finish this module. After you go through the activity, your instructor will rate your performance using the Instructor's Final Checklist, MAKING BAR TACKS.

Your instructor will provide you with a tacking machine, thread, snips, and a placket or pocket which has been set on a garment. Make ten bar tacks.

Student _____

Date _____

Instructor's Final Checklist

Check the student's performance in the following elements of making bar tacks.

Place an X in the appropriate box indicating not accomplished, partially accomplished, or fully accomplished. If, because of special circumstances, the item was impossible to complete, place an X in the "Not Applicable" box.

Performance Level: All items must receive a rating of FULLY ACCOMPLISHED (or Not Applicable). If any items are rated Not Accomplished or Partially Accomplished, the student and instructor will discuss this and decide which learning activities must be repeated.

	Student Performance			
	Not Applicable	Not Accomplished	Partially Accomplished	Fully Accomplished
The student:				
a. Positioned bar tack at point of strain.	( )	( )	( )	( )
b. Had uniform stitches.	( )	( )	( )	( )